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[PT. II]. 26 Mar 56, 9p. (figs. refs. omitted).

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DESCRIPTORS: *Metals, *Bonding, *Adhesives,
Bonded joints, Cements, Tensile properties, Stresses,
Corrosion, Fatigue (Mechanics), Sheets, Metal plates.

The article affords a survey of strength research of bonded metal joints, based on a thorough review of the pertinent literature. Furthermore, a series of experimental results dealing with cemented metal joints has been discussed. Thus influence of overlap ratio, $\sigma_{o,2}$ limit of the sheet metal material, thickness of sheet, nature of surface of sheet metal, and width of (Materials--Adhesives, TT, v. 10, no. 3) (over)

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DESCRIPTORS: *Wood pulp, Processing, *Pitch,
Separation, *Paper, Manufacturing methods.

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tinuous beating of pulp, which passes from beater to
beater through channels made of stainless steel and
placed at an angle of 25°, it was observed that the
amount of pitch deposited on the Fourdrinier wire
decreased considerably. This phenomenon was
caused by a decrease of the temperature of the pulp
after beating from 55-60° to 30-45° and by the re-
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DESCRIPTORS: *Lungs, Inflammation, Radioactive
Isotopes, *Strontium, *Radiation effects

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Rock, Rare earth elements, Geophysical prospecting,
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DESCRIPTORS: *Complement, *Antigens, *Botulism
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Trans. of Hurnicke Listy (Czechoslovakia) 1961, v. 16,
no. 2, p. 135-138.DESCRIPTORS: *Austenite, Metallurgy, *Steel,
Chromium alloys, Nickel alloys, Molybdenum alloys,
Mechanical properties, Quenching (Cooling), Tempera-
ture, Decomposition, Dynamics.Topics: Significance of retained austenite in construc-
tion steels; data on the influence of retained austenite
on mechanical properties; study of the retained aus-
tenite content in the Cr-Ni-Mo steels using a mag-
netometer depending on the thermal conditions of aus-
tenitization and the cooling rate on quenching, obser-
vation of retained austenite on tempering at 400°C; and
analysis of results. (Author)

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(Metallurgy--Ferrous Metals,
TT, v. 10, no. 2)
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62-10333

I. Kalivoda, A.

Kalivoda, Alaa.
DETERMINATION OF THE COEFFICIENT OF
ACTIVITY ON CARBON IN ALLOYED FERRITE.
[1961] Sp. (7 footnotes omitted).
Order from SLA \$1. 10 62-10333

Trans. of Hutnické Listy (Czechoslovakia) 1960,
v. 15, no. 9, p. 687-689.

DESCRIPTORS: *Ferrites, Carbides, *Steel, Alloys,
*Carbon, *Activity coefficient, Determination,
Silicon, Nickel, Manganese, Chromium.

On the basis of the Hillert's formula:

$$\frac{a_c}{a_c} = -y(4F - 3)$$

pure cementite + alpha

(Metallurgy, TT, v. 7, no. 8)

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Some Additional Data on the Study of Ordovician
Streptelasma in Estonia, by D. L. Kaljo.

RUSSIAN, per, Trudy Instituta Geologii Akademii
Nauk Estonskoy SSR VI, 1961.

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Sci - Geophys

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Volume Increase and Water Absorption of
Hydraulic Cements, by Wolfgang Kalk, 7pp
GERMAN, per, Zement, Vol 13, 1954, pp
666-669

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Wolfgang Kalk

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Sci - Mat
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Determination of Clay Minerals in Soils by Means of
Phase Contrast Microscopy and Darkfield Colour
Immersion Method, by H. Meyer, E. Kalk.
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1959, pp 3-12.
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Sci - Earth Sci/Astron
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Analysis of Credible Status and Accidents in
the F-4E Fleet, by G. Malmgren, K. Kalkreuth.
The RAND Corp., Santa Monica, California
Report No. 100, 1966
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K. Kalkreuth

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62-10603

Kalkhof-Ross and Bauer.
METHYLACRYLATE MOLDING COMPOUNDS FOR
LARGE MOLDED PARTS. [1961] Sp. (3 figs. 2
tables omitted).

Order from SLA \$1.10

62-10603

Trans. of Kunststoffe (West Germany) 1957, v. 47,
no. 4, p. 156ff.

DESCRIPTORS: *Acrylic resins, Gels, Physical
properties, Plastics industry, Molding.

Starting from the known treatment of plastic mixtures
of polymeric and monomeric methyl acrylate in
dentistry, a technically interesting method has been
developed, for obtaining storable molding compounds,
and therefrom, molded parts, at low temperatures of
about 50°C. and relatively short polymerization times
of about 20 minutes. The use of redox systems
(Materials--Plastics, TT, v. 8, no. 9) (over)

I. Kalkhof-Ross
II. Bauer

C225867

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Kalkman, J. A.
THE PROPERTIES OF THREAD BRAKES. II. DO
NOT REPROACH THE WEAVER FOR SOMETHING
THAT HAS HAPPENED IN THE PREPARATION.
[1961] 14p. (figs. omitted) 3 refs.
Order from SLA \$1.60 61-16716

Trans. of [Rayon Revue] (Netherlands) 1954, v. 8,
p. 54-77.

DESCRIPTORS: *Threads, *Rayon thread, Processing,
*Textiles, *Nylon, *Fibers.

For the warping of crepe yarns damped finger brakes
or pressure-shoe brakes are applied; it is recom-
mended to give crepe yarns before the brake a single
encircling around an axis, S-crepe clock-wise,
Z-crepe counterclockwise. Pushing up of the twist was
found during the examination only at dish brakes.
(Materials--Textiles, TT, v. 7, no 1) (over)

61-16716

I. Kalkman, J. A.
II. Title: Do...

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Technical and Economic Indices in Prefabricated
Construction Part IV, by Hajduk, Kalkowski,
6 pp.

POLISH, per, Przeglad Budowlany, Vol XXX, No 9,
Warsaw, 1958, pp 387-389.

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Boon
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(2173-M/c)

Technical and Economic Indices in Prefabricated
Construction Part III, by Majchak, Kalkowski,
6 ID.

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Warsaw, 1958, pp 293-294.

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IBur - Poland
Econ
Feb 59

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Construction Part I, by Ma, Jank, Malinowski, 6 pp.

POLISH, per, Przeglad Budowlany, Vol XXX, No 3,
Warsaw, 1958, pp 185-186.

US JPRS 1239-3

Refr - Poland
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Investments and Employment in Construction, by
Leszek Kalkowski, 14 pp.

POLISH, par, Gospodarka Planowa, Warsaw,
Jan 1959, pp 22-27.

JPRS-1964-N

EDur - Poland

Econ - Construction and Finance
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The Influence of Prefabricates on Labor
Expenditures in the Construction Materials
Industry, by Leszek Halbowski, 13 pp. UNCLASSIFIED

POLISH, per, Materiały Budowlane, Vol XXXI, No 6,
Warsaw, 1958, pp 170-175.

US JPRS/NY-977

Eur - Poland

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Inspection and Control of Economic Activity of USSR
Industrial Enterprises, by V. Kal'kutin, M. Mitrofanov
37 pp.

RUSSIAN, bk, Revisiya i Kontrol' Khozyaystvennoy
Deyatelnosti Proizvodnykh Predpriyatiy, Moscow,
1953, pp 3-32.

CIA/IDD Tr 563

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Econ - Industry, control

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Questions on the Formation of Socialist Awareness
and Socialist Communal Work, by Heide Kullabik,
Doris Garmann, 18 pp.

GERMAN, per, Einheit, Vol XIV, No 6, East Berlin,
1959, pp 726-731.

JPRS-L-2005-D

BEur - East Germany
Pol - Socialist Communal Work
Jan 60

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Speech at Closing Session of Hungarian Academy of
Sciences, by Kallai

HUNGARIAN, np, Nepszabadsag, Apr 15, 1960

FBID Daily Review

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